

Figure 1  
PRIOR ART

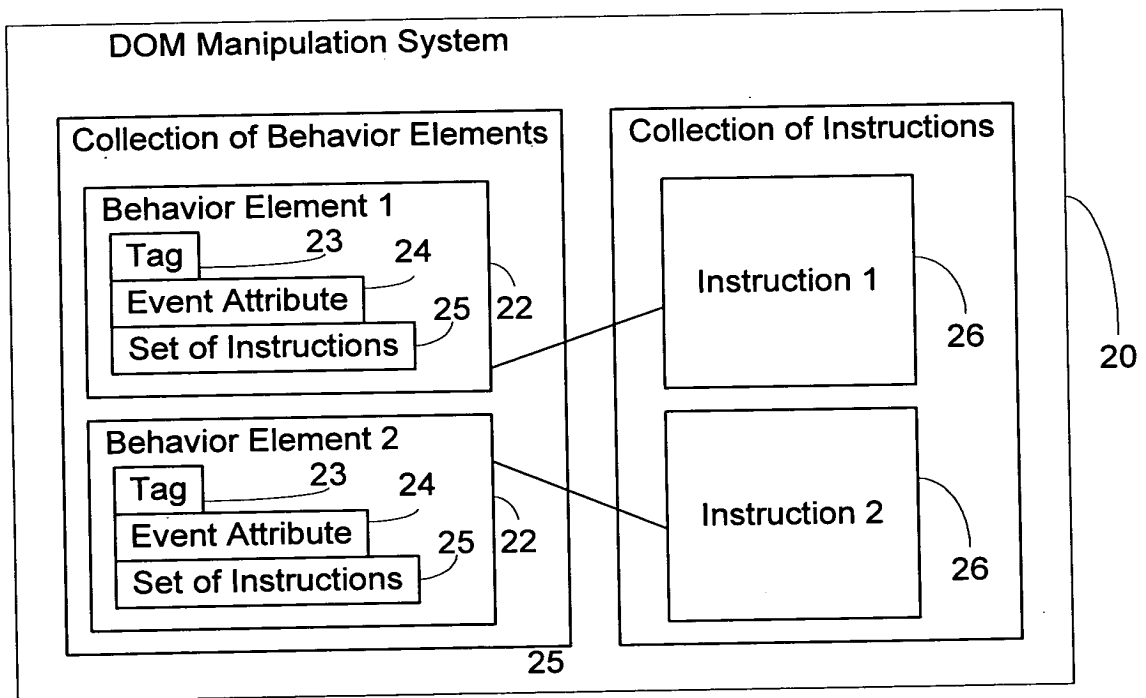


Figure 2

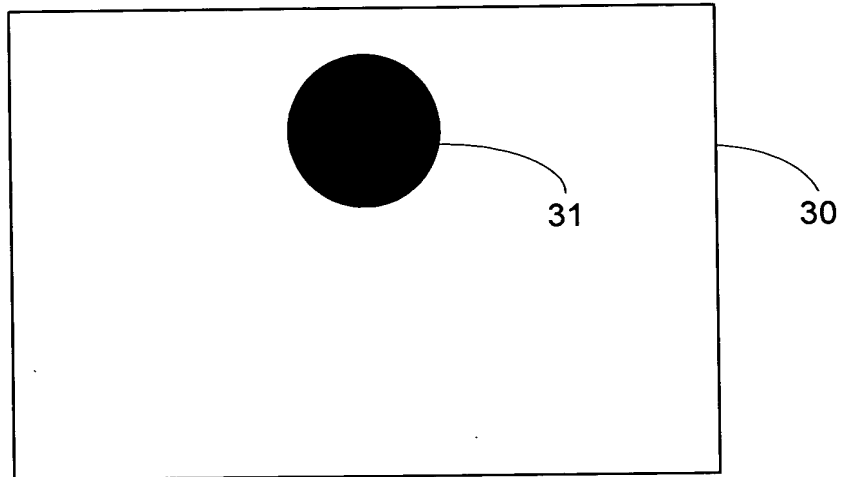


Figure 3

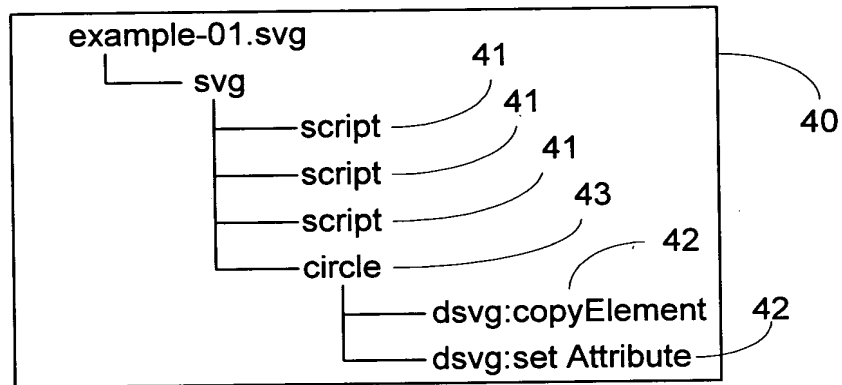


Figure 4

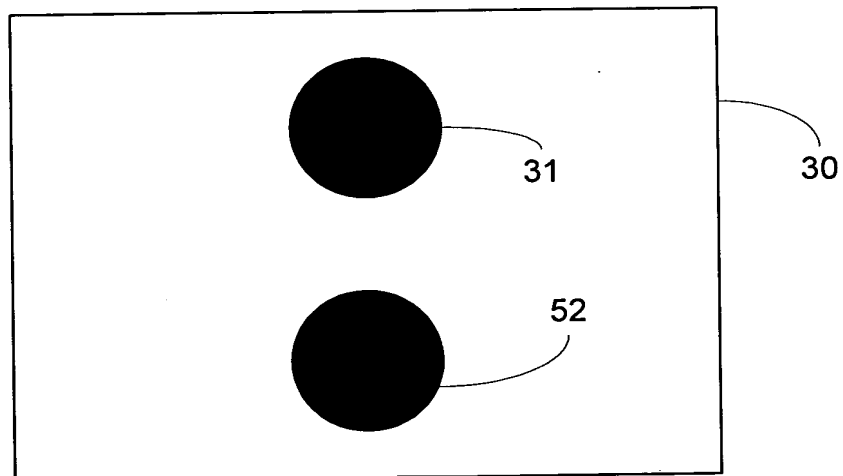


Figure 5

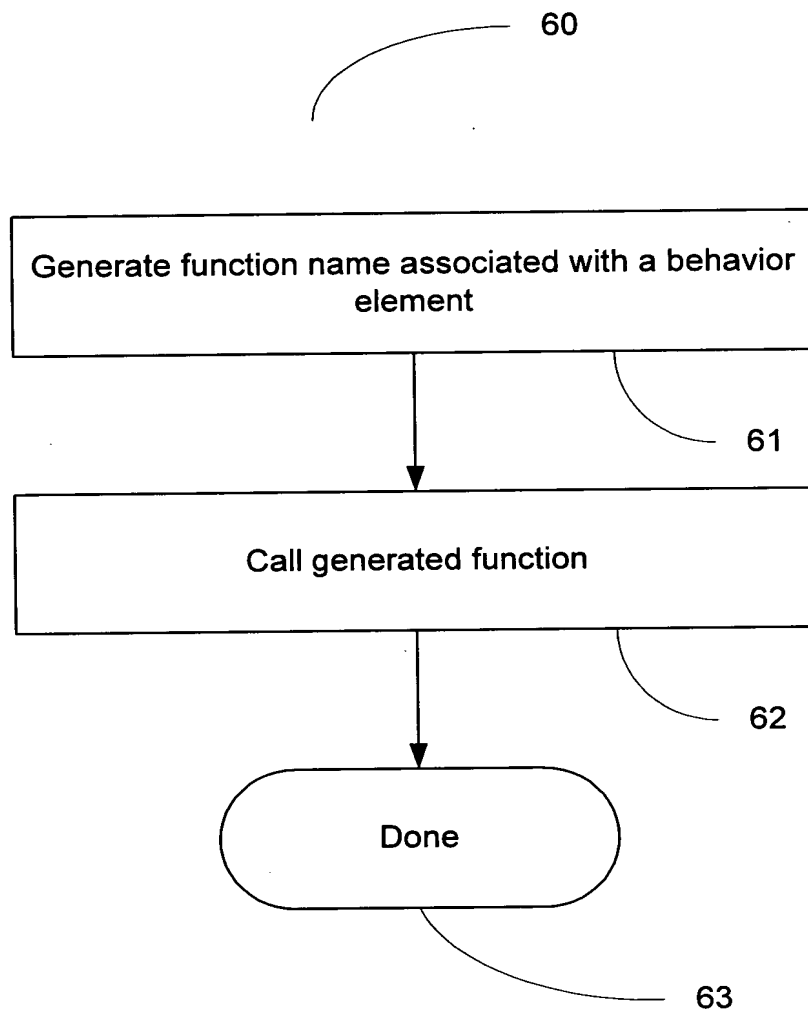


Figure 6

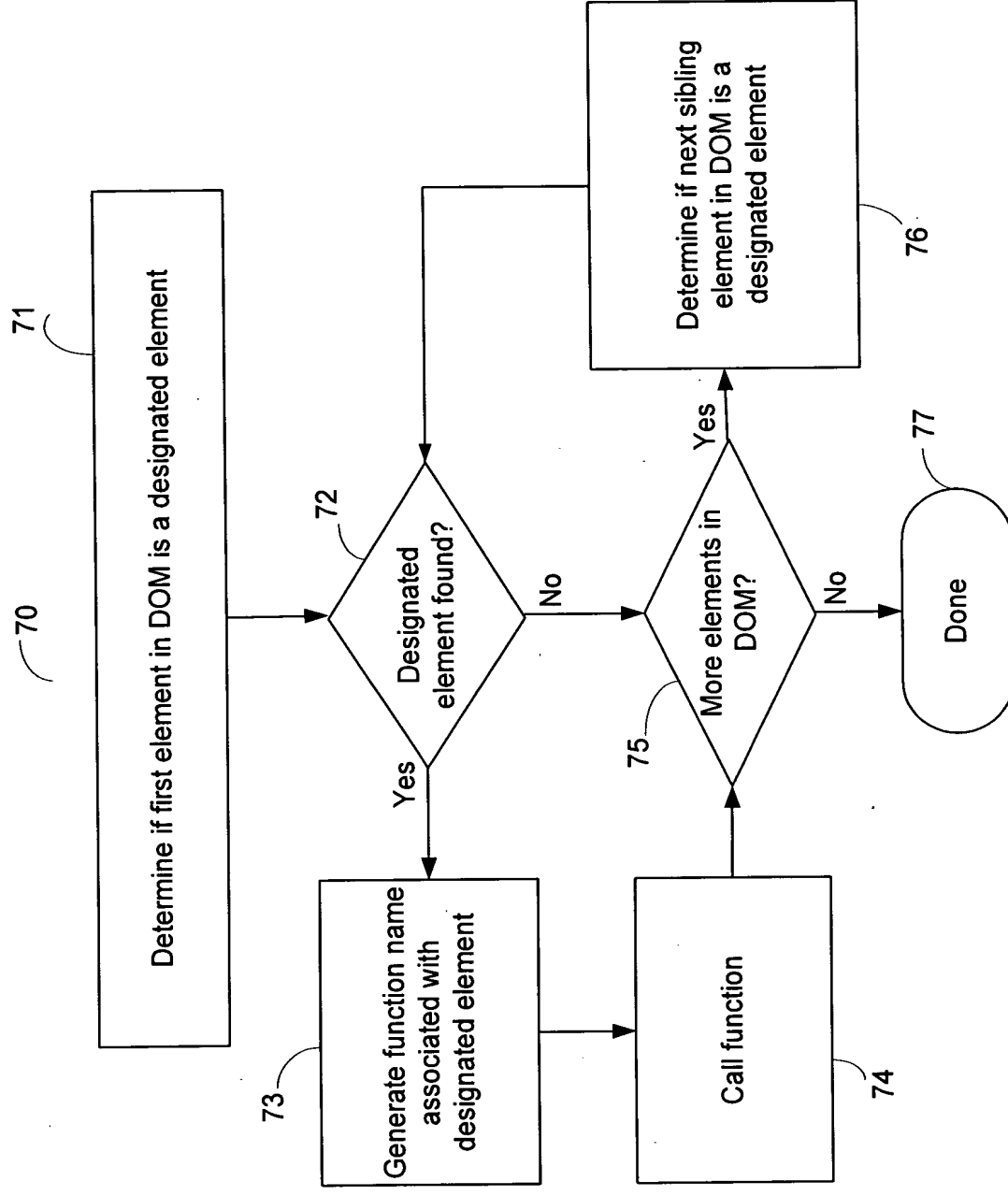


Figure 7

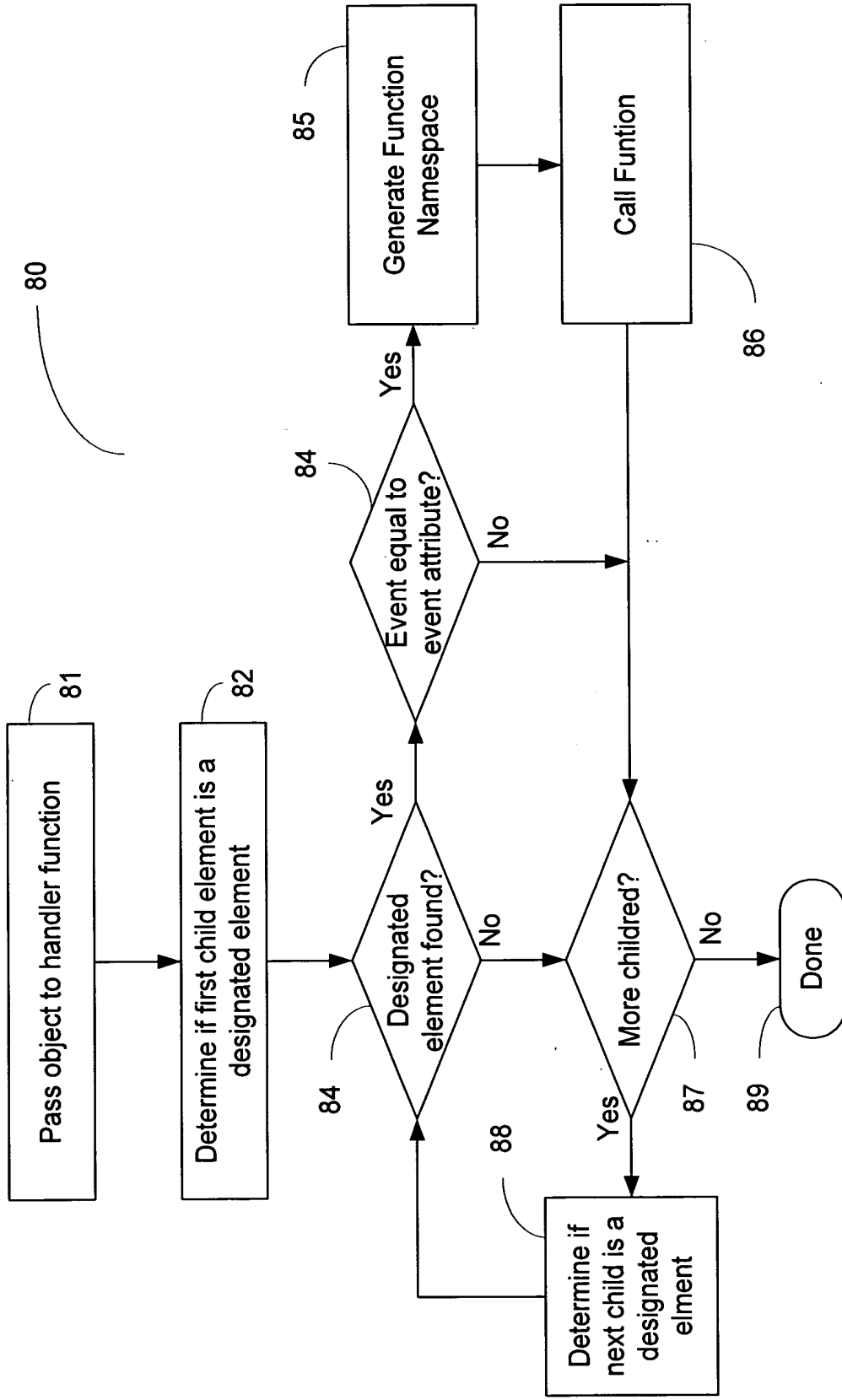
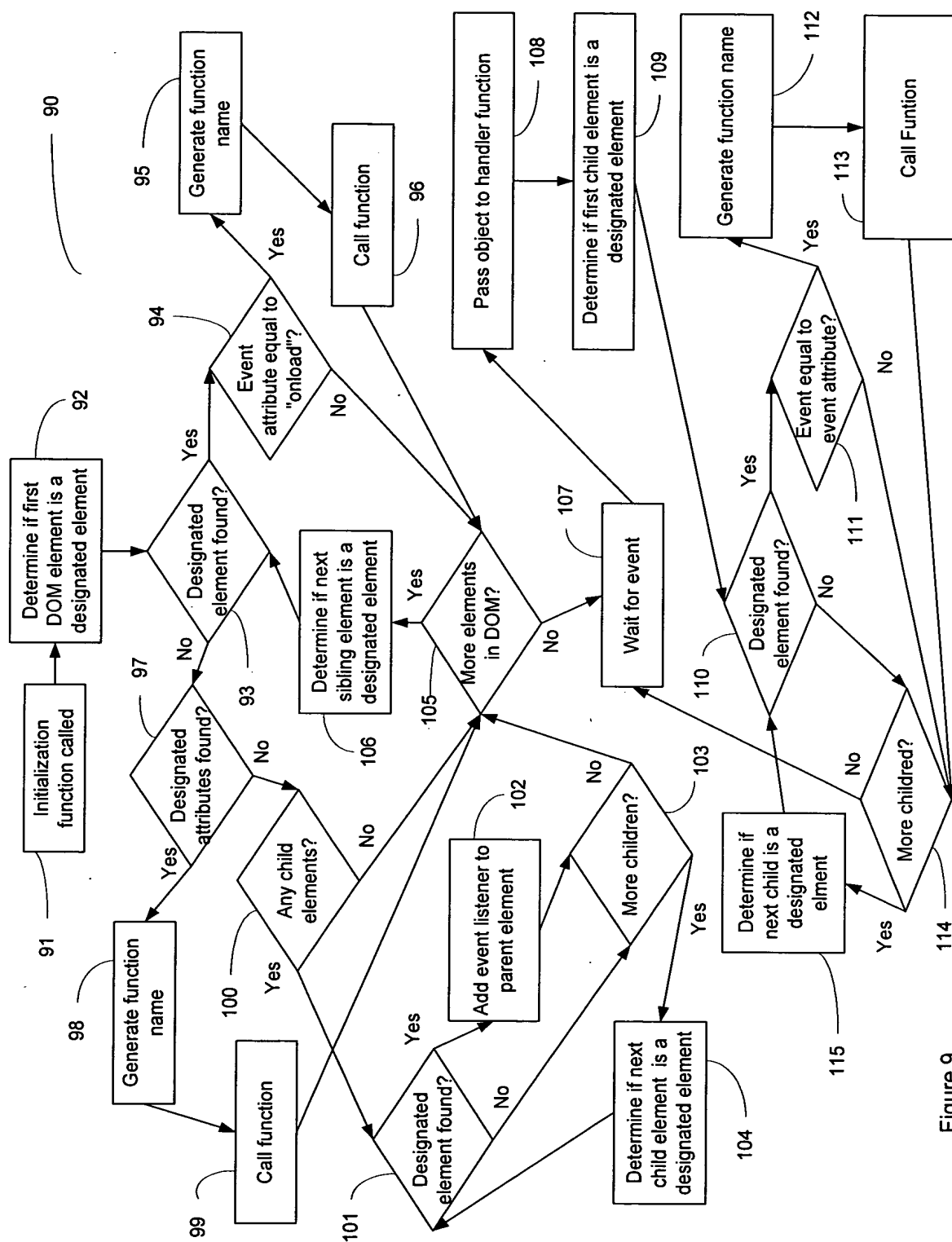


Figure 8



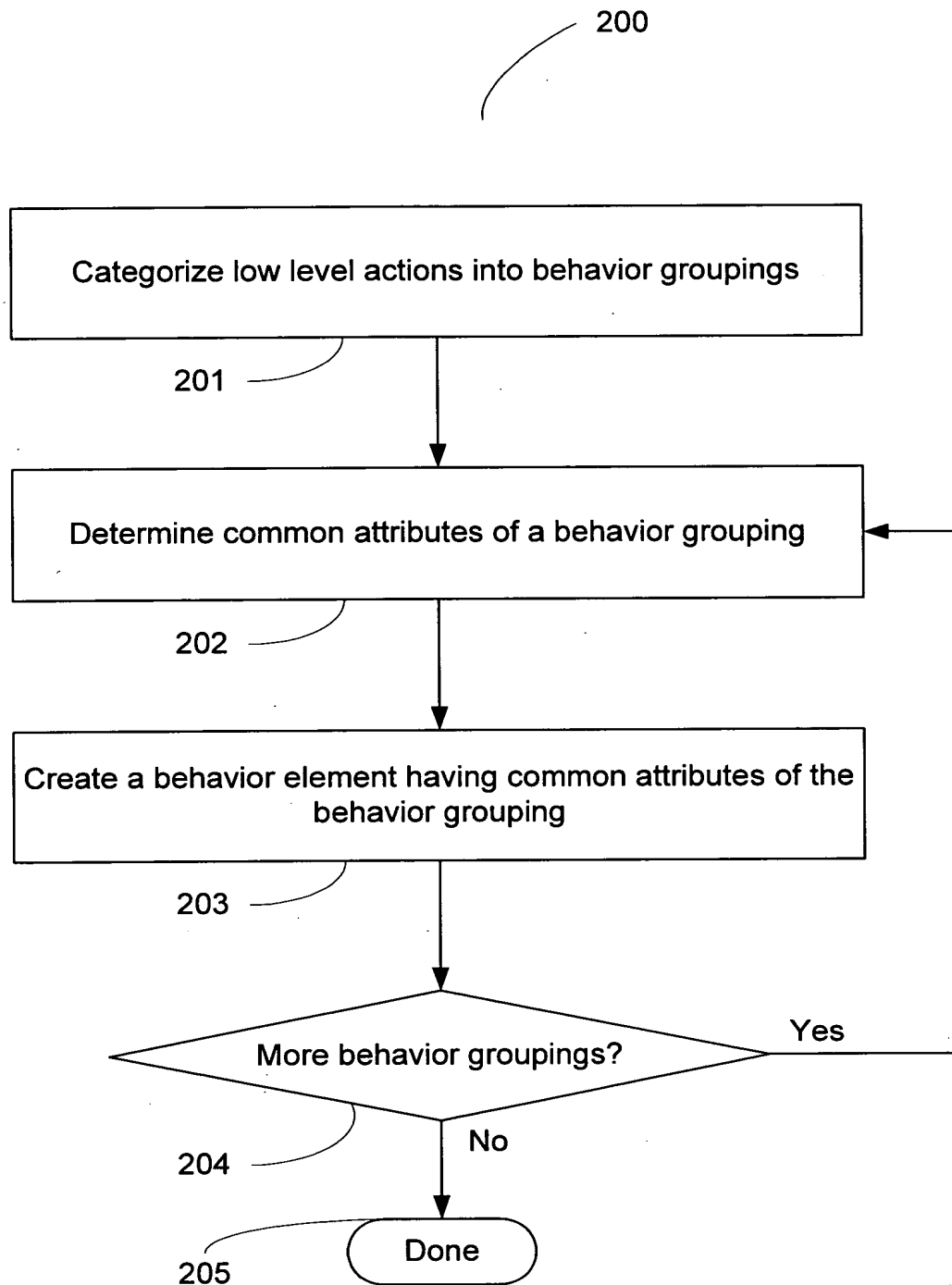


Figure 10

210

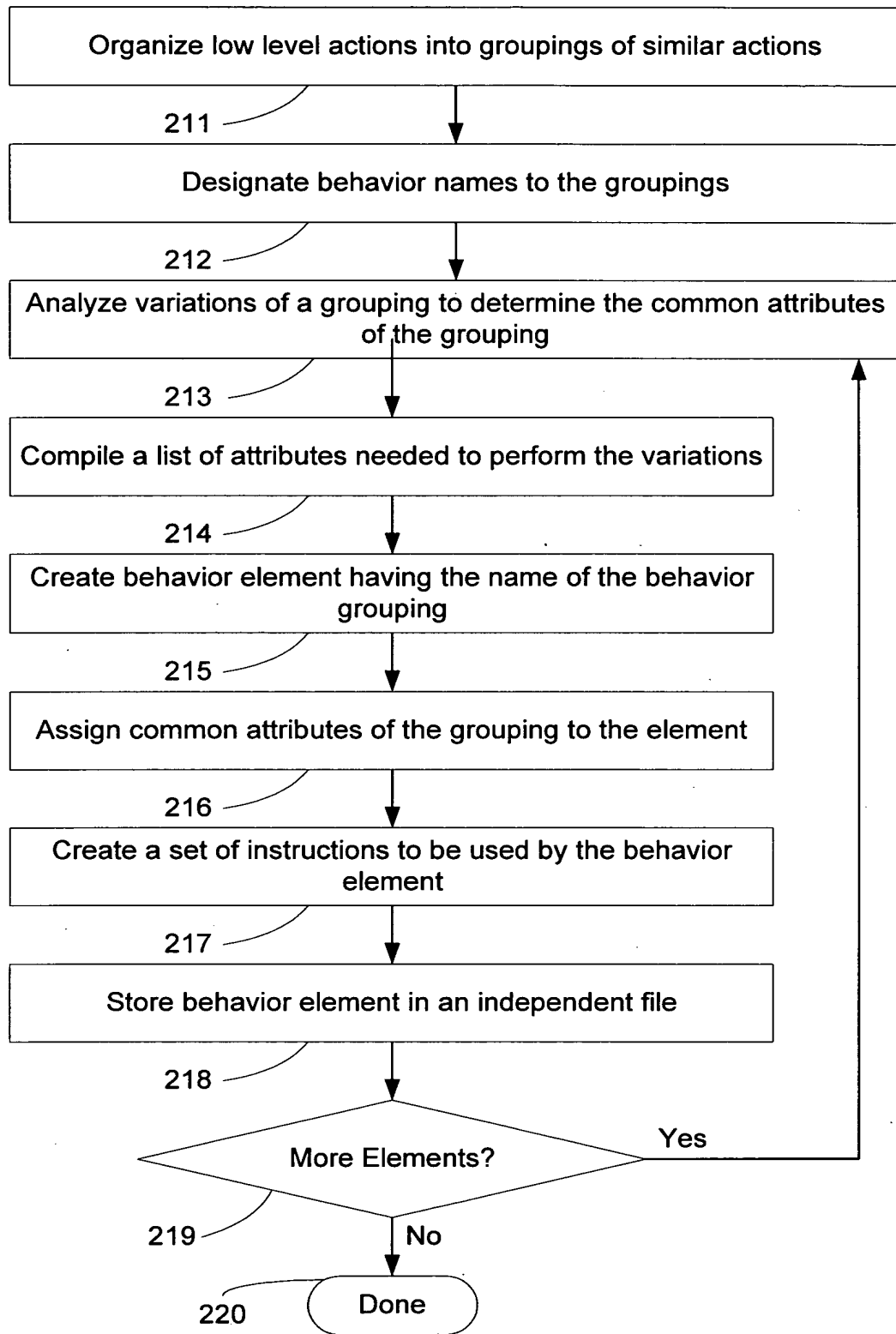
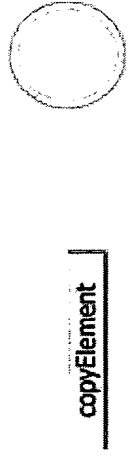
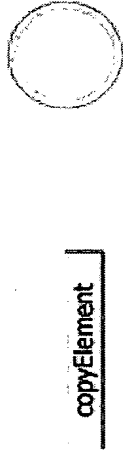


Figure 11

## dSVG sample behavior: copyElement



Copy element used with sourceElementID mode of operation.



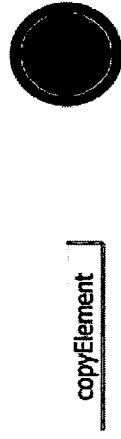
Copy element used in conjunction with setStyle.

Content of file: dsvg:copyElement

The dsvg:copyElement will copy the specified target element and generate a cloned element. Clicking the button will create a solid blue circle with a dark blue border over the transparent one.

Figure 12A

## dSVG sample behavior: copyElement



Copy element used with sourceElementID mode of operation.



Copy element used in conjunction with setStyle.

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Content of file: dsvg:copyElement  
The dsvg:copyElement will copy the specified target element and generate a cloned element.  
Clicking the button will create a solid blue circle with a dark blue border over the transparent one.

Figure 12B

## dSVG sample behavior: createElement

Pressing the button will create a solid blue circle with a dark blue border over top of the transparent one.



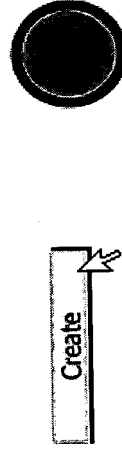
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Content of file: `dsvg:createElement`, `dsvg:setAttribute`  
The `dsvg:createElement` will create a new solid circle over top of the transparent one when the button is selected.  
The new element is inserted into the specified location within the DOM.

Figure 13A

## dSVG sample behavior: createElement

Pressing the button will create a solid blue circle with a dark blue border over top of the transparent one.

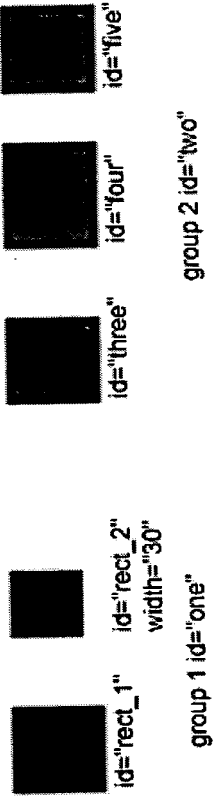


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Content of file: `dsvg.createElement`, `dsvg.setAttribute`  
The `dsvg.createElement` will create a new solid circle over top of the transparent one when the button is selected.  
The new element is inserted into the specified location within the DOM.

Figure 13B

## dSVG sample behavior: findElements

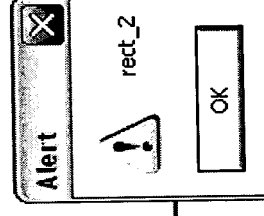


findElements conditions are:

nodeID begins with a 't' and ends with an 'o'  
nodeID begins with an 't' and ends with an 'e'  
OR the element width attribute contains a '3'

Return find

Selecting the button will return the nodeID's that will be added to the outputList



Content of file: dsvg.findElements

The dsvg.findElements will find the NodeID's and return them to an output list.

The conditions specified can include the use of '\*' wildcards when searching for IDs.

Figure 14

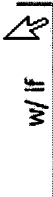

dSVG sample behavior: loadXML					
group 1	1. Basic loadXML samples		2. Synchronization of non-linear events		
group 2	basic		with loadXML		
	w/ If		without loadXML		
	w/ loop				
group 3	<div>Resulting load order</div> <div>.....</div>		This sample goes through a series of loops / conditional statements. The resulting location is returned to an alert.		
group 4			3. dsvg:loadXML using docID attribute. - The docID attribute is intended for arbitrary XML - Allows access to data that resides in an outside fragment.		
group 5			load DocID  the cx value from fragment (fragment.svg#ellipse1) will be placed here.		

Figure 15A

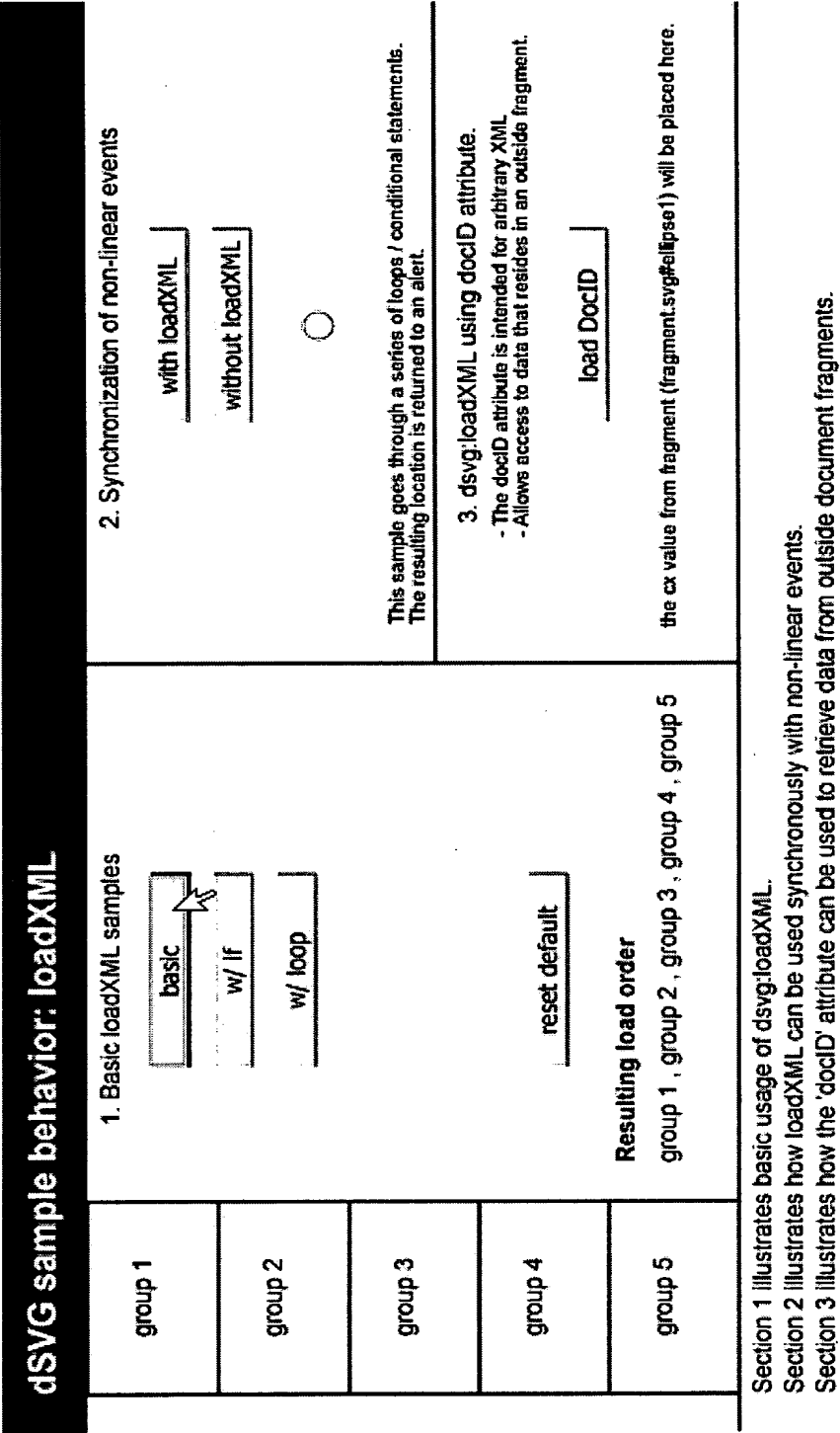


Figure 15B

## dSVG sample behavior: moveElement

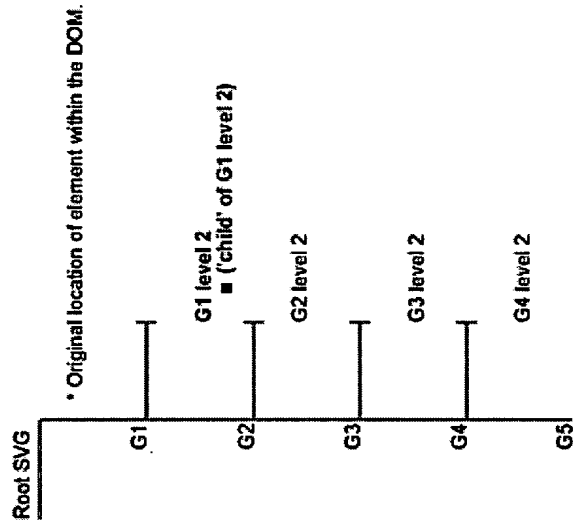
Select radio buttons to move element within the DOM.

☒ moveElement: child

☐ moveElement: sibling

☐ moveElement: parent

☐ moveElement: replacement



\*Note: The chart on the right illustrates the corresponding DOM.

Content of file: dsvg.moveElement

The dsvg.moveElement will move the source element to a specified target location within the DOM.  
The rectangle within the chart will track the location where the element is being inserted.

Figure 16

**dSVG sample behavior: setAttribute**

setAttribute



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Content of file: dsvg:setAttribute  
The dsvg:setAttribute element will set the attributes of the specified target element.

Figure 17A

## dSVG sample behavior: setAttribute

setAttribute



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Content of file: dsvg:setAttribute

The dsvg:setAttribute element will set the attributes of the specified target element.

Figure 17B

**dSVG sample behavior: setData**

setData	Label
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Content of file: dsvg:setData  
The dsvg:setData element will set a text node with the specified data.

Figure 18A

## dSVG sample behavior: setData

setData

This is a sample of setData.


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Content of file: dsvg:setData  
The dsvg:setData element will set a text node with the specified data.

Figure 18B

## dSVG sample behavior: setStyle

setStyle



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Content of file: dsvg.setStyle

The dsvg.setStyle element will set the style of a specified target element.

Figure 19A

## dSVG sample behavior: setStyle



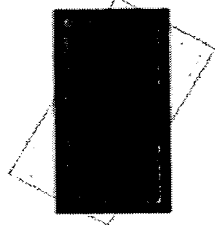
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Content of file: dsvg.setStyle  
The dsvg.setStyle element will set the style of a specified target element.

Figure 19B

dSVG sample behavior: setTransform

setTransform



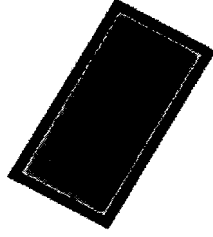
Content of file: dsvg:setTransform

The dsvg:setTransform element will transform the specified target element.

Figure 20A

**dSVG sample behavior: setTransform**

setTransform



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Content of file: dsvg:setTransform  
The dsvg:setTransform element will transform the specified target element.

Figure 20B